

AEROTECH ROCKET MOTOR PROPELLANTS

White Lightning™ (W)

A brilliant white flame, dense bright white exhaust and a throaty roar are the hallmarks of this popular propellant. Easy to track. Exciting to watch! White Lightning looks and sounds like actual sounding rockets and launch vehicles. Special effects professionals and aerospace companies specify the AeroTech White Lightning propellant to achieve realistic simulation.

Blue Thunder™ (T)

Produces a bright violet-blue flame with a minimum of exhaust smoke. These motors provide a higher level of thrust than White Lightning or Black Jack motors of the same total impulse. Blue Thunder is the perfect propellant for high lift-off acceleration

Metalstorm™ (M)

Metalstorm™ is a sparky propellant, lights easily and produces a large brilliant white exhaust plume, a long yellow-orange dense spark trail, and plentiful white sparks that fan out in flight. This is the crowd pleaser with large amounts of sound and visual effects streaming from below your rocket.

Dark Matter™ (DM)

Dark Matter™ is a sparky propellant, but unlike Metalstorm™ with its higher ISP and white smoke, Dark Matter™ is a black smoke sparky motor.

Redline™ (R)

Distinctly different from its propellant relatives, Redline provides unique visual and thrust characteristics for larger airframes and performance oriented flyers. The proprietary AeroTech formulation imparts Redline with its signature vivid scarlet flame. Redline's burning rate lies midway between that of White Lightning and Blue Thunder. Photos don't do justice to the "laser-beam" intensity and color of Redline... you have to see it to appreciate it!

Warp-9 (N)

If you blink you'll miss it! Displaying a prominent yellow-orange flame studded with "mach diamonds", Warp-9 is AeroTech's fastest-burning propellant. Originally developed for Orbital's Pegasus® fin motors, Warp-9 is perfect when you need the highest thrust possible from a given motor size. Alternatively, when used in an "endburning" grain configuration.

Mojave Green™ (G)

Mojave Green is AeroTech's newest propellant designed for its single-use and RMS reloadable motors. Named for the infamous green rattlesnake with two types of venom that roams the desert, Mojave Green produces a vivid emerald green flame with brilliant and distinct "mach diamonds" and a moderate amount of smoke. Mojave Green's high density and specific impulse delivers a higher total impulse in each motor size than any other AeroTech propellant. Motor burn times using Mojave Green are similar to those of Redline.

Classic™ (C)

Classic Propellant™ is a throwback to the Enerjet like propellants of the late 70's-early 80's, a no-smoke, yellow flame with prominent "mach diamonds" and an even burn.

Boost-Sustain™ (NW)



Karl Bauman's signature line motor. This "boost-sustain" motor uses a combination of AeroTech's Warp- 9™ AND White Lightning™ propellants. The "boost" portion of the thrust curve is Warp- 9™ propellant, followed by a longer "sustain" phase of White Lightning™ propellant.

Propellant X™ (X)

Propellant X™ produces a bright white flame with a moderate amount of smoke.

Black Jack™ (J) and Black Max™ (FJ)

Provides the high visibility tracking of dense black exhaust. In addition to a distinctive lift off roar, Black Jack motors give your models lower acceleration and longer powered flight than White Lightning or Blue Thunder motors of the same total impulse. Black Max provides slightly higher acceleration than White Lightning Propellant.

Super Thunder™ (ST)

RCSs exclusive Super Thunder™ aerospace grade composite propellant formulation, produces a bright violet-blue flame with a minimum of exhaust smoke. Super Thunder™ motors provide a higher ISP than Blue Thunder™.

Super White Lightning™ (WS)

Super White Lightning™ has a higher specific impulse, a higher density and a higher burn rate than White Lightning™ propellant. Used in H169WS, I175WS, J435WS.